



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

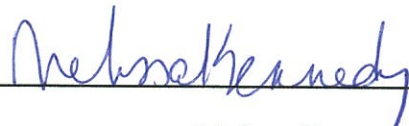
CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010454
CERTIFICATION DATE: September 23, 2013
DATE RECERTIFICATION DUE: March 22, 2014

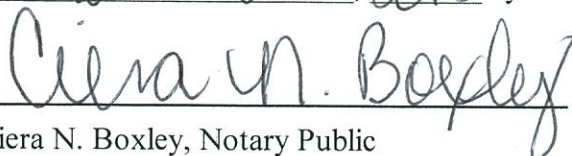
The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.


Melissa Kennedy

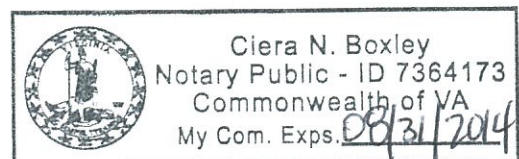
Program Manager, Calibration & Training

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 4th day of November, 2013 by Melissa Kennedy


Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 10/21/2013

TLN
10-21-13

WHL
10-25-13

Instrument Serial Number: 010454

As of 21-Oct-13

Start Date	End Date	Agency Name
23-Sep-13		Henrico County PD
28-Dec-12	23-Sep-13	DFS Central Lab
04-May-12	28-Dec-12	Fairfax County PD
01-May-12	04-May-12	DFS Central Lab
14-Dec-11	01-May-12	Fairfax County PD
04-Aug-11	14-Dec-11	DFS Central Lab
13-Sep-10	04-Aug-11	Richmond PD
27-May-08	13-Sep-10	DFS Central Lab

TLN
RSL

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 9/26/2013**

Instrument Serial Number:	010454	As of 26-Sep-13
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Maintenance Date	Certification Date	Technician Initials	Remarks
23-Sep-13	23-Sep-13	TLN (25387)	CERTIFIED.
09-Sep-13	09-Sep-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
27-Nov-12	27-Nov-12	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.
26-Oct-12	05-Jun-12	HMS (18910)	REPLACED DRY GAS STANDARD.
27-Aug-12	05-Jun-12	HMS (18910)	REPLACED DRY GAS STANDARD.
05-Jun-12	05-Jun-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
04-May-12	04-May-12	HMS (18910)	CERTIFIED
15-Mar-12	14-Dec-11	HMS (18910)	REPLACED DRY GAS STANDARD.
14-Dec-11	14-Dec-11	HMS (18910)	REPLACED PRINTER RIBBON, CERTIFIED
28-Apr-11	28-Apr-11	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
15-Apr-11	18-Nov-10	RJP (22428)	REPLACED PRINTER.
25-Mar-11	18-Nov-10	RJP (22428)	REALIGNED PAPER FEED MARGINS.
18-Nov-10	18-Nov-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
13-Sep-10	13-Sep-10	RJP (22428)	CERTIFIED.
02-Jul-09	02-Jul-09	NMJ (22392)	REPLACED TANK TOP LID, CERTIFIED.
24-Jun-09	24-Jun-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
13-Nov-08	13-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

TLN
Ndk

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010454 Worksheet Start Date 9/23/2013

Location Henrico County Regional Jail East

Address 17320 New Kent Highway Barhamsville, VA 23011

DFS Technician Timmy Neece, Jr License No. 25387

☐ Laboratory ☒ On-Site

Site Specifications

	Yes	No
1 Secured Environment: Location must not be accessible to the general public.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Environment free from contaminants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Dedicated telephone line: The phone line should be used solely by the instrument.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 Adequate Ventilation: Enough space must be provided for the instrument and the printer to allow for adequate ventilation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Stable temperature controls: The instrument should not be exposed to direct sources of temperature variation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 115VAC power source: Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7 Room Condition: The site should be free of excessive moisture, heat and dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Old serial no.
E-Seek 2000104824
Keyboard 7EHZ104793
Printer 7BTCEH57392
UPS JB0802017162

New serial no.

TLN
10-1-13

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:

Maintenance (if any)

Comments (if any)

Instrument installed at Henrico Co. Reg. Jail East.

Instrument Serial Number 010454

Certification Date 9/23/2013

Instrument Barometer (mm HG) 757

Reference Barometer (mm HG) 760

Reference Barometer(RB)Serial # 009111

RB Calibration Due 5/23/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.250	0.249	0.241	0.256	Sample 2	0.249
Precision		sample min	sample max	Sample 3	0.248
0.002		0.248	0.250		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.150	0.149	0.144	0.153	Sample 2	0.149
Precision		sample min	sample max	Sample 3	0.149
0		0.149	0.149		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.080	0.080	0.077	0.083	Sample 2	0.080
Precision		sample min	sample max	Sample 3	0.080
0		0.080	0.080		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.019
0		0.019	0.019		

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☒ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG209402-57

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.100	0.100	0.097	0.103	Sample 2	0.098
Precision		sample min	sample max	Sample 3	0.098
0.001		0.098	0.099		

DFS Technician

Date

9-26-13

Issuing Analyst

Date

10/3/13 10/25/13
msc

Intox EC/IR II QA Worksheet
Issued by Calibration and Training Program Manager
Issue Date: 4-March-2013

DFS Document 250-F113
Revision 6
Page 2 of 2

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010454 Test Number: 1328
Test Date: 09/23/2013 Test Time: 16:10 EDT

Technician Initials: TLN

Dry Gas Target: 0.249

Lot Number: 0651225015-02 Exp Date: 04/01/2014

Tank Pressure: 713 psi Barometric Pressure: 757 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	16:11
BLK	0.000	16:11
CHK	0.250	16:12
BLK	0.000	16:13
CHK	0.249	16:14
BLK	0.000	16:15
CHK	0.248	16:16
BLK	0.000	16:17

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010454 Test Number: 1329
Test Date: 09/23/2013 Test Time: 16:20 EDT

Technician Initials: TLN

Dry Gas Target: 0.149

Lot Number: 0651215014-06 Exp Date: 04/01/2014

Tank Pressure: 164 psi Barometric Pressure: 757 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	16:20
BLK	0.000	16:21
CHK	0.149	16:22
BLK	0.000	16:23
CHK	0.149	16:23
BLK	0.000	16:25
CHK	0.149	16:25
BLK	0.000	16:27

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010454 Test Number: 1330
Test Date: 09/23/2013 Test Time: 16:29 EDT

Technician Initials: TLN

Dry Gas Target: 0.080

Lot Number: 0651208012-06 Exp Date: 04/01/2014
Tank Pressure: 208 psi Barometric Pressure: 757 mmHg
System Check: Passed

Test	g/210L	Time
DIAG	Pass	16:29
BLK	0.000	16:30
CHK	0.080	16:30
BLK	0.000	16:32
CHK	0.080	16:32
BLK	0.000	16:33
CHK	0.080	16:34
BLK	0.000	16:35

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

TLN

Intox EC/IR-11: Certification

hse

Department of Forensic Science

Serial Number: 010454 Test Number: 1331
Test Date: 09/23/2013 Test Time: 16:38 EDT

Technician Initials: TLN

Dry Gas Target: 0.020

Lot Number: 0651202011-07 Exp Date: 04/01/2014

Tank Pressure: 301 psi Barometric Pressure: 757 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	16:38
BLK	0.000	16:39
CHK	0.019	16:40
BLK	0.000	16:41
CHK	0.019	16:42
BLK	0.000	16:43
CHK	0.019	16:44
BLK	0.000	16:45

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

TLN

Intox EC/IR-II: Accuracy Check

WHL

Department of Forensic Science
Serial Number: 010454 Test Number: 1332
Test Date: 09/23/2013 Test Time: 16:48 EDT
Dry Gas Target: 0.299
Lot Number: AG322702-03 Exp Date: 08/15/2015
Tank Pressure: 453 psi Barometric Pressure: 757 mmHg
System Check: Passed

Test	g/210L	Time
BLK	0.000	16:49
CHK	0.300	16:49
BLK	0.000	16:51
CHK	0.299	16:52
BLK	0.000	16:53
CHK	0.299	16:54

Test Status: Success

Calibration CRC: C6E315F0

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010454 Test Number: 1333

Test Date: 09/23/2013 Test Time: 16:57 EDT

Dry Gas Target: 0.100

Lot Number: AG209402-57 Exp Date: 04/03/2014

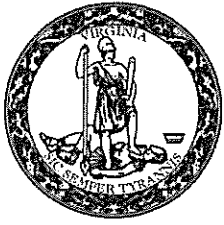
Tank Pressure: 566 psi Barometric Pressure: 757 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	16:58
CHK	0.099	16:59
BLK	0.000	17:00
CHK	0.098	17:01
BLK	0.000	17:02
CHK	0.098	17:03

Test Status: Success

Calibration CRC: C6E315F0




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY NEECE, JR., TIMMY, L		AGENCY DFS Central Lab
DFS LICENSE NUMBER 25387	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 09/23/2013
TEST EQUIPMENT NUMBER 010454		

RESULTS: TIME SAMPLE TAKEN 17:13 EDT
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 24 Sep 2013 at 07:49

TLN

WJL

Test Results

Instrument Serial Number 010454

Test # 001334 Subject Test

Test Location 1 Department of
Test Date 23 Sep 2013

Test Location 2 Forensic Science
Test Time 17:06
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name NEECE, JR.
Agency DFS Central Lab

Operator's First Name TIMMY

Operator's Middle Initial L
License Number 25387

Card Serial Number 125387

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 23 Sep 2013 End Time 17:14

Result Time 17:13

Result Date 23 Sep 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 17:07

Data Type BLK

Sample Value 0.000

Sample Time 17:08

Data Type CHK

Sample Value 0.098

Sample Time 17:08

Data Type BLK

Sample Value 0.000

Sample Time 17:10

Data Type SUBJ

Sample Value 0.000

Sample Time 17:10

Data Type BLK

Sample Value 0.000

Sample Time 17:11

Data Type SUBJ

Sample Value 0.000

Sample Time 17:13

Data Type BLK

Sample Value 0.000

Sample Time 17:14

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG209402-57

Standard Expiration Date 04/03/2014

Tank Pressure 556

Barometric Pressure 757 mmHg

Blow Sample Number 1 Blow Duration 2.48 sec

Blow Volume 1945 cc End-of-Blow Time 17:10

Blow Sample Number 2 Blow Duration 3.26 sec

Blow Volume 2337 cc End-of-Blow Time 17:13

Tamper Evident Stamp a8a589bf

Test Status Code 0

Test Status Success